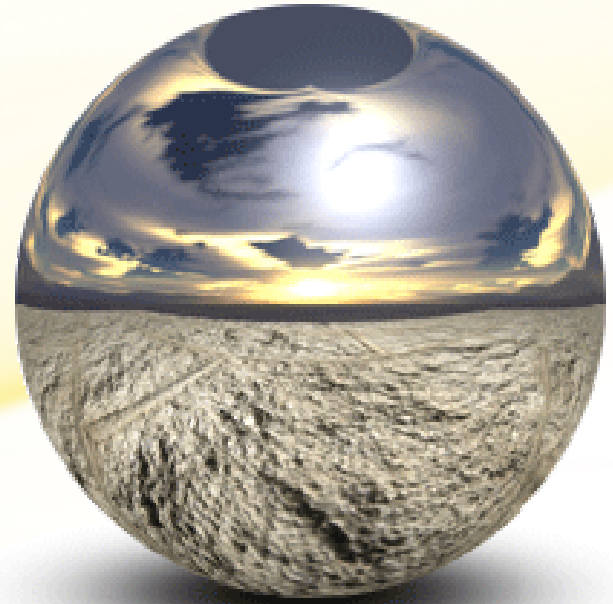


# VTF Taipei 2006

Gerry Liu, PhD  
S3 Graphics, VP Marketing  
June 2006



**CHROME**



# S3 Graphics Increasing Momentum



CHROME



# Expanding S3 Graphics Partners

*Others coming soon...*



杰和電子有限公司

CHROME



# US and Europe Etail Partners

EConline.co.uk

歐洲華人互聯網  
欧洲华人互联网



Model	Chrome S27 128/256MB
Interface	PCI Express x16
Core clock	702MHz
Pixel Pipelines	8
Memory Size	128MB
Memory Interface	128-bit
Memory Type	GDDR3
Memory Clock	662MHz
Features	<ul style="list-style-type: none"><li>•Full DirectX 9.0 Support</li><li>•HDTV Hi-Def Experience</li><li>•Chromotion 3.0 Programmable Video Engine</li><li>•Class Leading Core and Memory Clock rates</li><li>•DeepColor Precision</li><li>•Advanced 90nm Manufacturing Process</li><li>•Vertex Shader 2.0+ and Pixel Shader 2.0+</li><li>•Full Precision Pixel Pipeline</li><li>•Duo-Rotate</li></ul>
Package Contents	DVI-VGA Adapter HDTV Cable

CHROME

## XV-S27256D



## XV-S25128D



Specifications	XV-S27256D	XV-S25128D
GPU	S3 Graphics Chrome S27	S3 Graphics Chrome S25
Core Clock	700MHz	500MHz
Pixel Pipelines	8	8
Memory Clock	800MHz	700MHz
Frame Buffer	256MB GDDR2	128MB GDDR2
Memory Bus	128-bit	64-bit
Output	DVI-I, S/AV, D-SUB	DVI-D, S/AV, D-SUB
Cooling	Heat Sink + Fan	Heat Sink + Fan





# Japan Retail Partners



## XIAiS27-DV128DDRIII



型番

XIAiS27-DV128DDRIII

Core Clock

700MHz

Memory Clock

1200MHz

Chipsets

S3 S27

Video Memory

GD DRIII 128MB

Bus Type

PCI-EXPRESS 16X



## XIAiS25-DV256DDRII



型番

XIAiS25-DV256DDRII

Core Clock

500MHz

Memory Clock

700MHz

Fanless

Chipsets

S3 S25

Video Memory

GDDRII 256MB

Bus Type

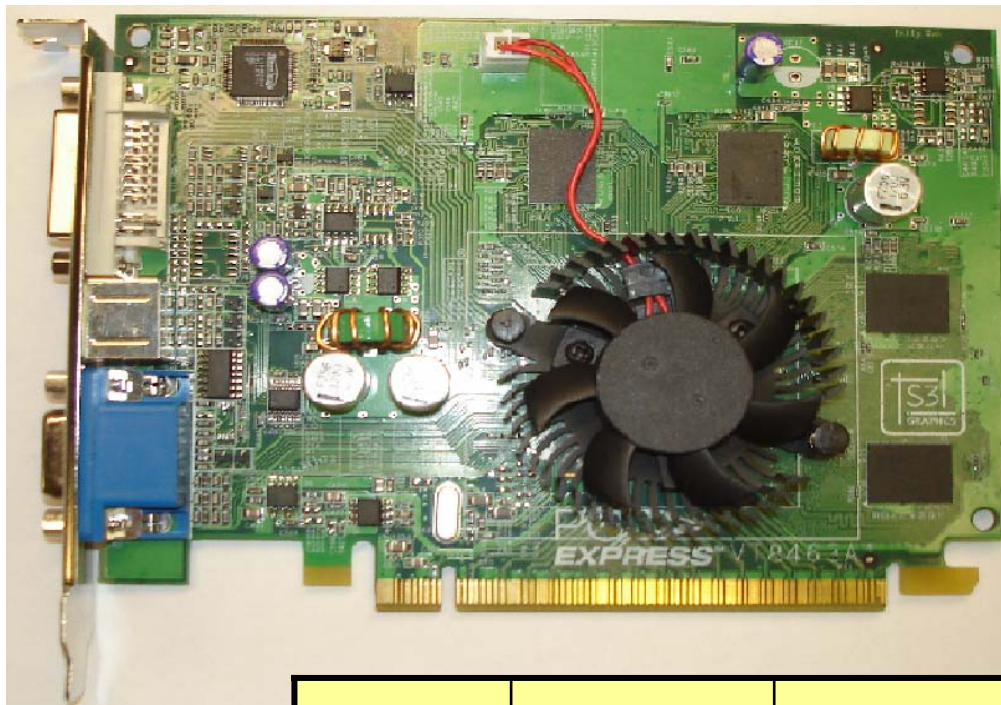
PCI-EXPRESS 16X

CHROME



# Japan and Europe Partner

**DIGICOOOL**  
*Beyond Expectations*



Board	Memory Type	Mem Size (MB)	Mem Bus Width (Bits)	MCLK (MHz)	ECLK (MHz)
VT8463	DDR3	128	128	600	650

**CHROME**



# Recent Web Reviews

## TechNewsWorld - Competitive Shakeups: Dell/Alienware and Microsoft's Remix

<<http://www.technewsworld.com/story/49563.html>>

"S3 has a **dual card solution that costs a fraction** of what Nvidia's does and provides **performance that is more than adequate** for the majority of video game players."

"It looks like, unless trends change, the future graphics market for gaming will increasingly be divided between Nvidia and S3."

## The Tech Report - S3's MultiChrome dual-GPU technology

<<http://techreport.com/reviews/2006q2/multichrome/index.x?pg=1>>

"**MultiChrome is still more hassle-free and stable than either SLI or CrossFire** were upon their initial public releases." "**The MultiChrome draws only slightly more power than our test system with a single GeForce 6600 GT installed.**"

## PC Stats - S3 Chrome S27 PCI Express Videocard Review

<<http://www.pcstats.com/artvnl.cfm?articleID=1948>>

"The S3 Chrome S27 videocard has potential within its class, and it did **give the nVidia GeForce 6600GT a run for its money** on a couple occasions. The S3 card was particularly **strong in 3DMark05, Quake 4 and FarCry**. It's encouraging to see how well the Chrome S27 videocard performed compared to S3's previous graphics cores."

## Amped News - Hardware Feature: S3 Graphics Chrome S27 Video Card

<<http://igo.ampednews.com/features/195/>>

"If you're money-conscious or looking for a budget card for your secondary PC, the S3 offerings are surprisingly reliable options."

"In the budget card arena, the Chrome series has a slight **edge, outperforming its direct competitors while still maintaining a lower price point. Game compatibility and driver conflicts were never a factor in our time spent with the card**, so anyone worried about straying from a household brand can breathe easy."

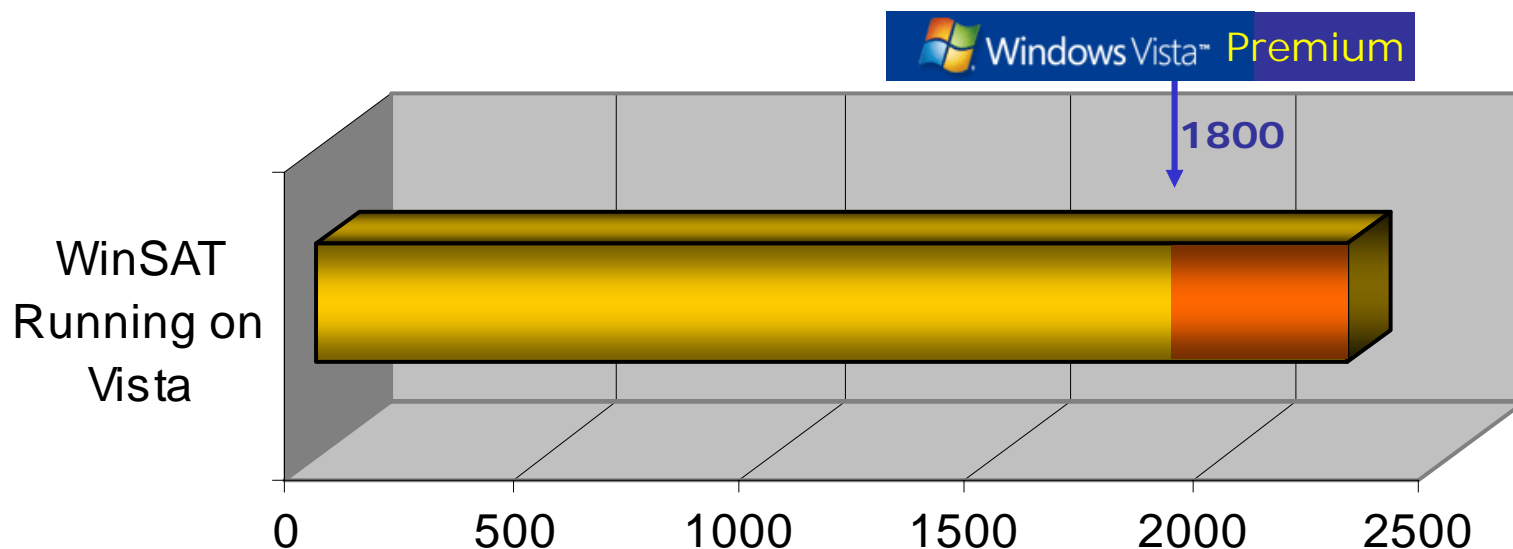
CHROME



# Windows Vista Premium Requirement



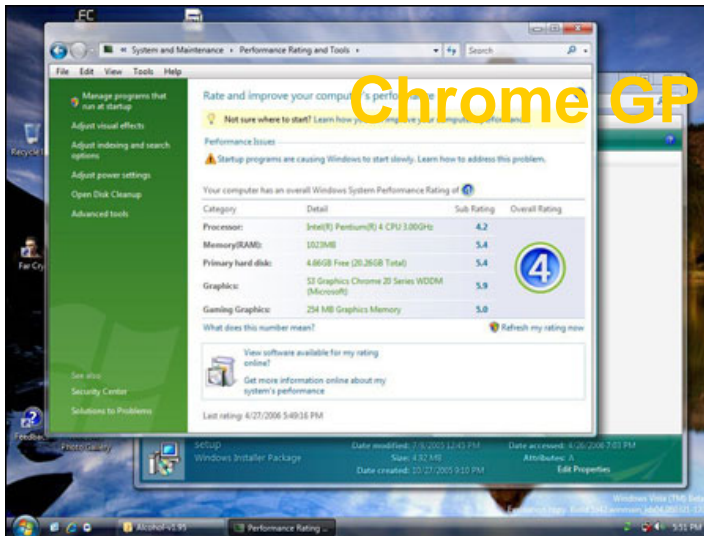
**S3 Graphics Chrome S25 64MB,32bit, 500e/400m**



This represents one of the lowest cost Chrome configurations still exceeding VISTA Premium requirement

# New Windows Vista GUI Experience

Chrome GPU is Vista Premium Ready



**Pcpop: S25另类体验! 499元玩转Vista Beta 2** <http://www.pcpop.com/doc/0/137/137628.shtml>

虽然现在离Windows Vista正式版发布还有很长一段时间，但华丽的显示系统及各种创新的功能已经彻底征服了Windows用户。之前用户一直抱怨显示驱动不佳成为S3显卡最大的绊脚石，实际上随着Chrome S20系列产品的发布，VIA技术人员在驱动研发方面投入了相当大的精力，驱动版本更新速度也非常快。就目前的情况来说，**价格仅为499元的Chrome S25显卡已经完全具备流畅运行Windows Vista操作系统的实力**。在感叹VIA显示芯片研发飞速进步的同时，我们相信其未来显卡市场将会做得更好！

**Yesky: 499元的惊奇 S25显卡的Windows Vista之旅** <http://diy.yesky.com/vga/204/2386204.shtml>

我们从这次Chrome S25的测试中已经可以大概的领略到Windows Vista系统的种种崭新特性，透明化的视窗效果、翻转3D特效的多视窗排列、更新一代的系统附带应用软件等，这些都让我们对Vista的更添期待，随着微软发售日期的临近，您是否该为支持这些3D的应用做好升级的准备呢？如果您被这一切所吸引，那么不妨考虑一下S3 Graphics的这款S25，因为它只需您付出499元的微小代价。

**Hardspell: VIA S25图形卡大战最新版Vista Beta2**

[http://www.hardspell.com/hard/showcont.asp?news\\_id=24995](http://www.hardspell.com/hard/showcont.asp?news_id=24995)

**S25在这次展示中也体现了良好的兼容性**，看来目前包括VIA S3、NVIDIA、ATi这3家图形厂商都能非常好的支持Vista系统，而且**S25的支持度很高**，随着Vista的不断完善，在正式推出以前，我想S3还会不断完善他们的驱动程序，到那时候，用户完全可以放心的购买显卡产品。

**IT.com.cn: S3完美支持Vista 体验Beta2的绚丽** <http://www.it.com.cn/f/diy/065/9/266608.htm>

我们这次试用Vista使用的是VIA/S3最新的Matrix Chrome S25显卡，这是一款和X700/6600处于同一级别的显卡。S25采用S3惯用的蓝色PCB板，不仅**板型比X700和6600要小，风扇也要小的多**，主要原因是S25核心采用富士通90nm工艺制造，功耗可以有效控制在17W-20W之间。

Vista对系统配置的要求我们也领教过了，前面我们也提到想**支持Vista的全部特效**，市面上大部分显卡都将被淘汰。这次我们使用VIA/S3 S25进行测试，在体验Vista的同时，也可以看到S25对Vista提供了较好的支持，**作为和X700/6600同一级别的显卡，无疑S25比竞争对手表现要出色一些**。



# Chrome End-User Experience

PC Gaming - **For The Masses**

MULTI  
CHROME

WMV HD



Hi-Def Digital Video Playback  
**WMV-HD, VC-1, MPEG2, Chromotion**

Digital Living room  
**Silent , Enhanced Connectivity**

Content Creation  
**Deep Color, 400Mhz DACs**

Productivity  
**GDI + , Duo-Rotate, VISTA**

CHROMOTION™



CHROME

CHROME



# Chrome S20 Series GPU Summary

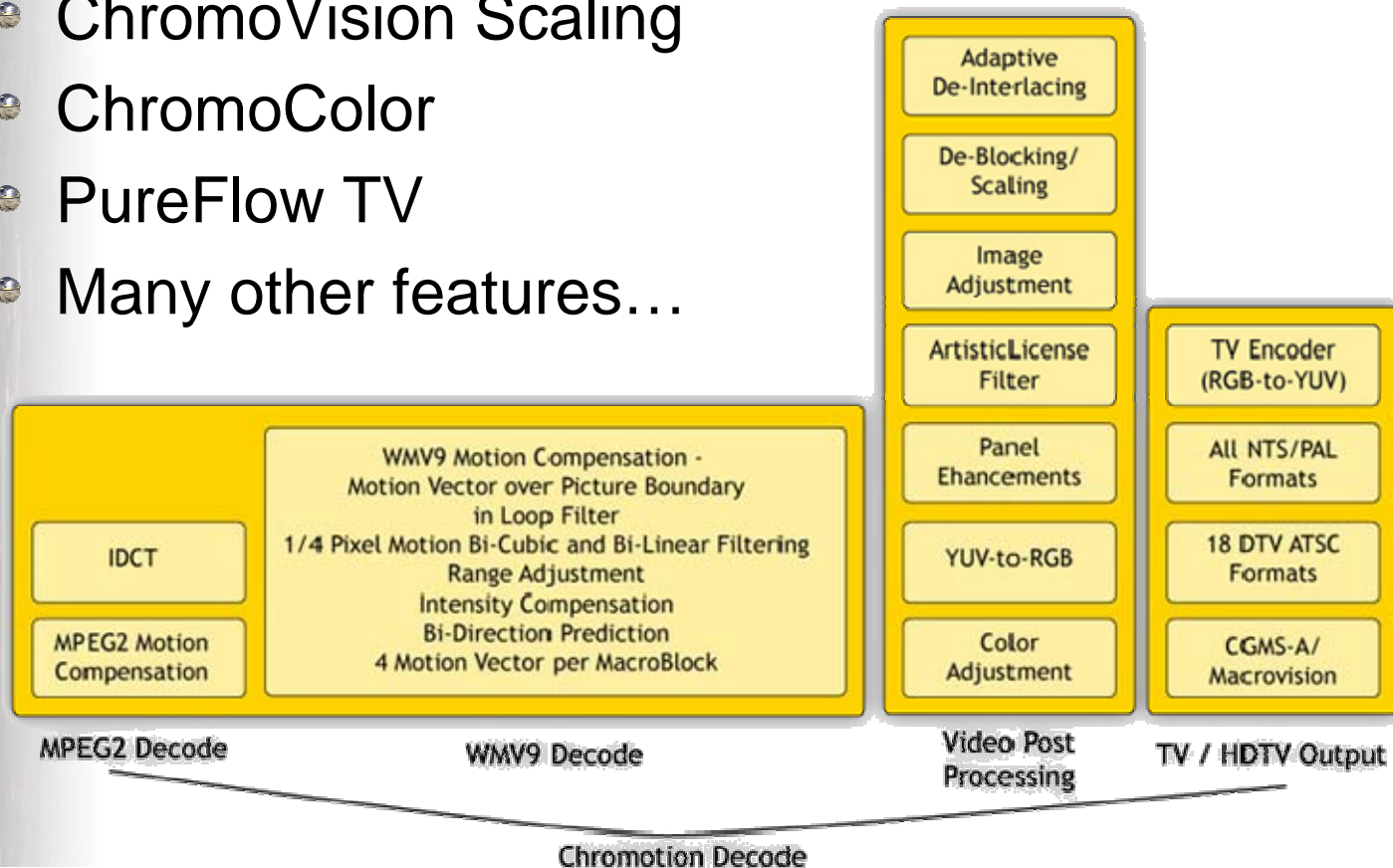


- Advanced 90nm Technology
- Fastest 700Mhz 3D Engine Clock and Ultra Low Power
- 8 Pixel Shaders
  - Best performance/price in each segment
- Chromotion 3.0 Hi-Def Video
  - Programmable media acceleration
- MultiChrome
  - Multiple Board Acceleration
  - No cable & No propriety motherboard
- AcceleRAM
  - Video frame buffer extension technology
- Lead Free ROHS Compliance

CHROME



- Chromotion 3.0 Programmable Video Engine
  - Programmable Filters, Artistic License Effects
- ChromoVision Scaling
- ChromoColor
- PureFlow TV
- Many other features...

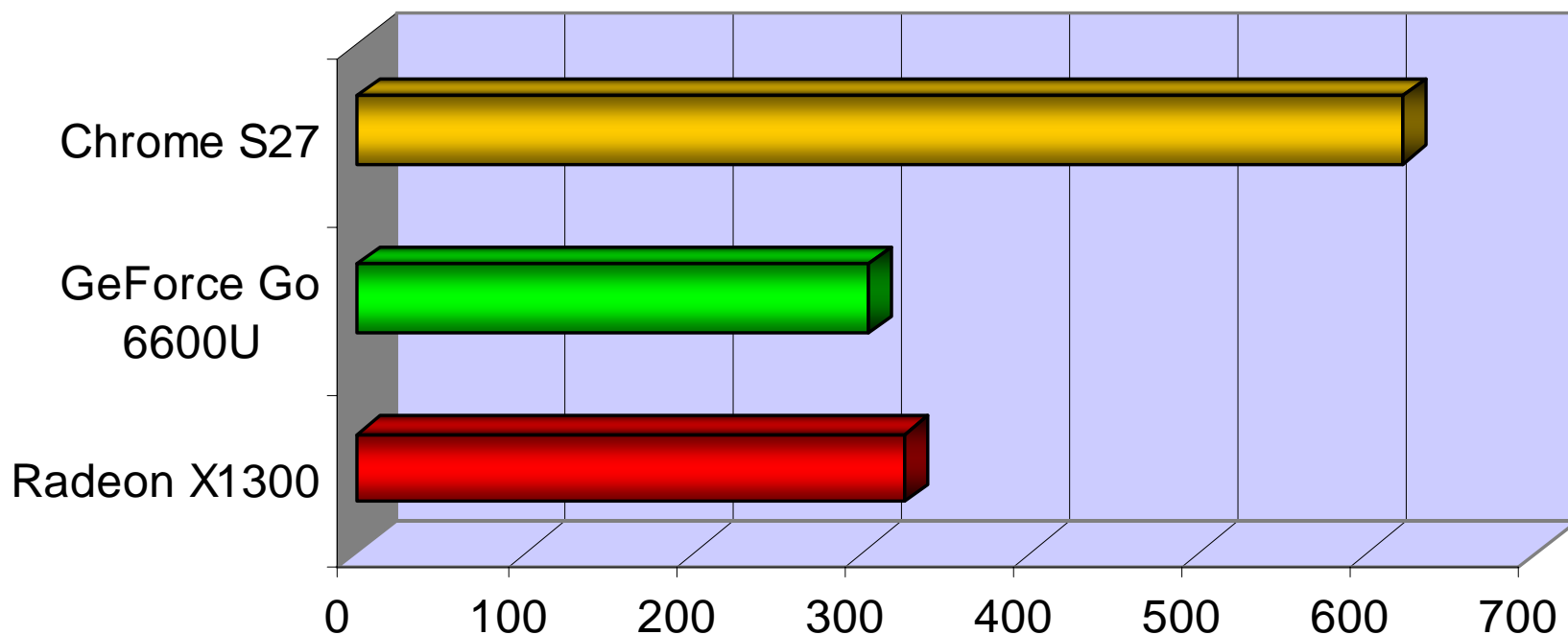




# Leading Low Power Technology

- ChromeS20 desktop series products can use up to 50% less power than even competitor's mobile GPU at similar performance points.

**Performance/ Watt**

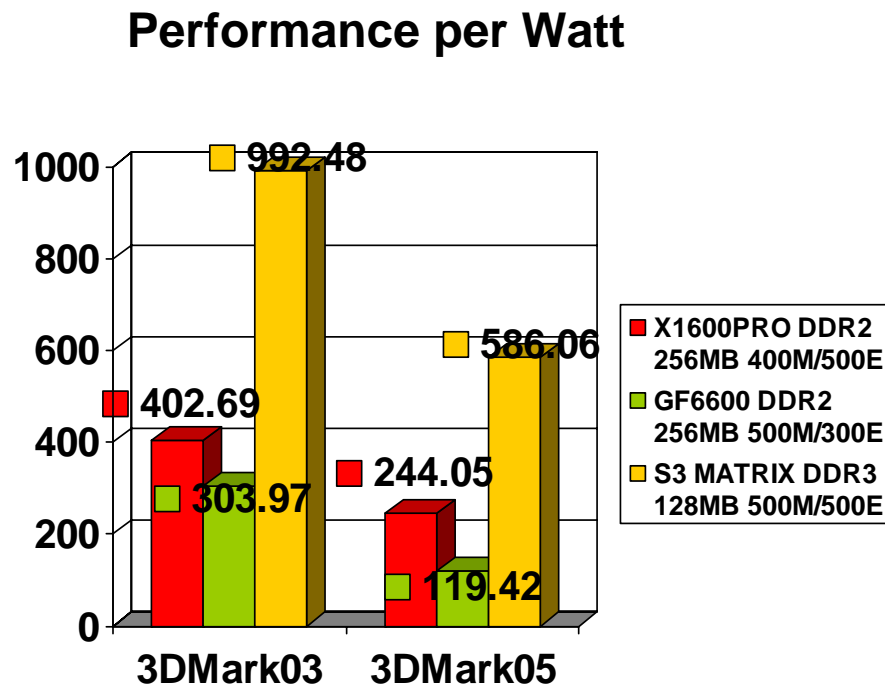
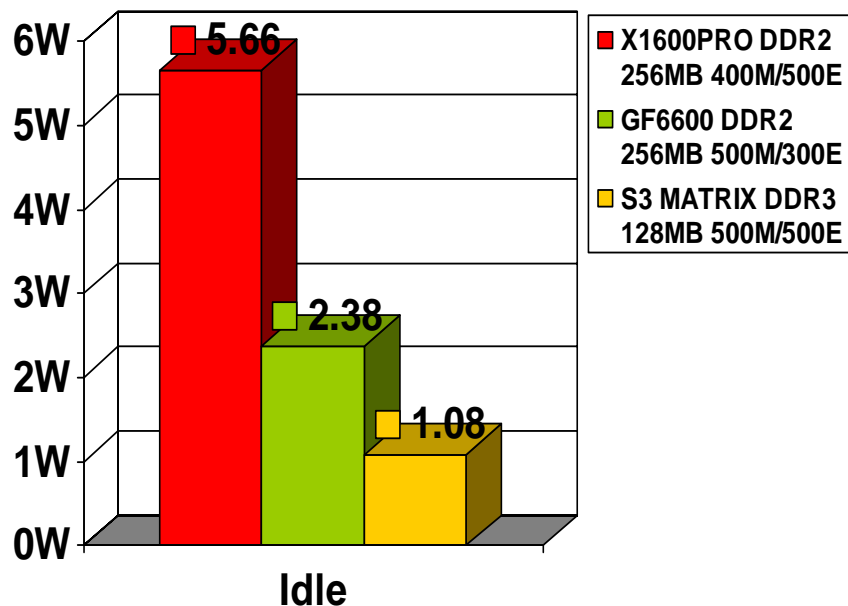


**CHROME**



# Performance Over Power Is Ratios Better

**Chrome GPU delivers 2-4X Performance per Watt while standing at 25%-50% Idle Power**





# Coming Chrome Solutions

**Ultra Low Power / Fanless**

**Low Profile**

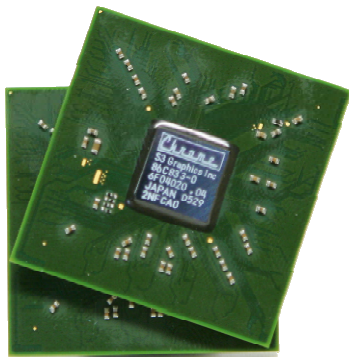
**WMV-HD/VC-1 Acceleration**

**HDCP/HDMI**

**"Dual Link" Ultra High-Def Panel**

**Advanced Connectivity**

**MultiChrome**



**CHROME**

**CHROME**



# Chrome S20 Series Highlights



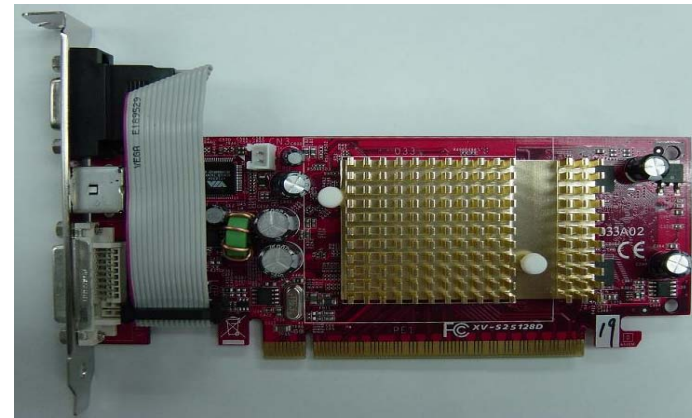
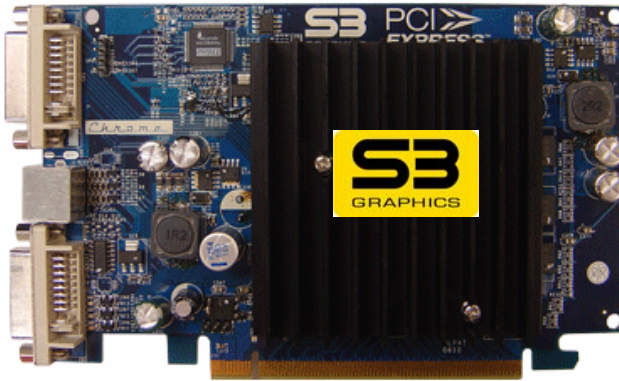
- Microsoft Vista Premium Ready
  - Lowest Power Premium Ready
- Advanced Connectivity
  - 1080p HDTV
  - HDCP/HDMI
  - Ultra-High Resolution Dual-Link DVI
- Best balance of features and performance for mainstream/value segment
- Leading 700Mhz Engine operation (S27) enabling class leading benchmarks

**CHROME**





# Ultra Low Power Fanless For Digital Home



CHROME



# Low Profile Vista Premium Ready Chrome S27 256MB Card

## Slimline PC



Board	Memory Type	Mem Size (MB)	Mem Bus Width (Bits)	MCLK (MHz)	ECLK (MHz)
VT6330	DDR2	256	128	400	650

CHROME



# Chrome GPU Direct Support for HDMI



True HDTV image in 1080i



Standard Definition TV



CHROME





# Broad HDMI Connectivity with HDTV

ViewSonic 



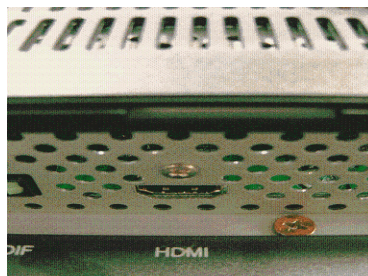
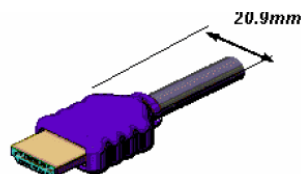
SONY | sony style  
USA



PHILIPS



SAMSUNG



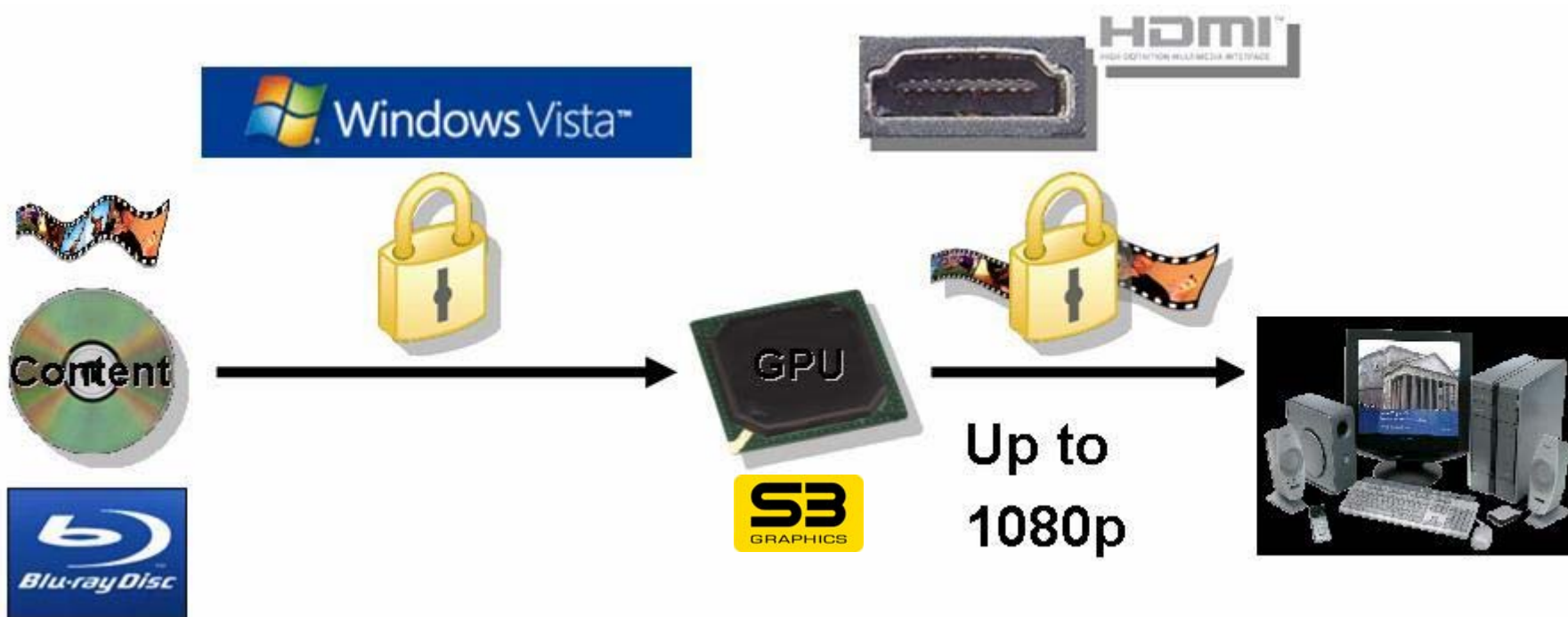
DELL™



CHROME 

# High Definition Content Protection

- PC Cannot Play Some Classes of Premium Content Today
- Bar will be even higher with Blu-ray and HD-DVD



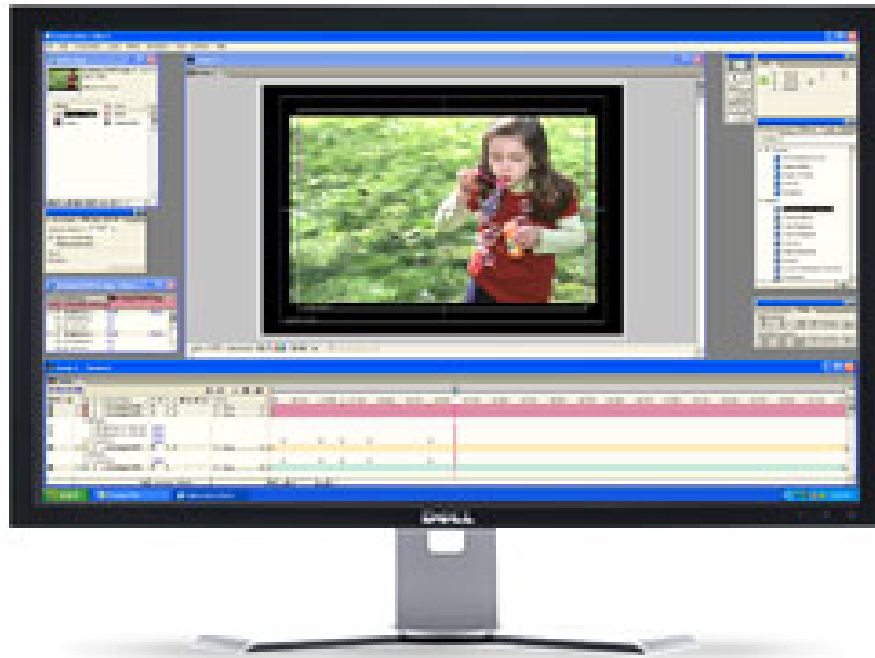




# Direct Support for Dual-Link DVI

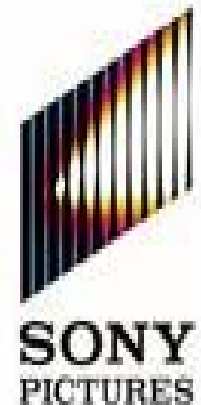
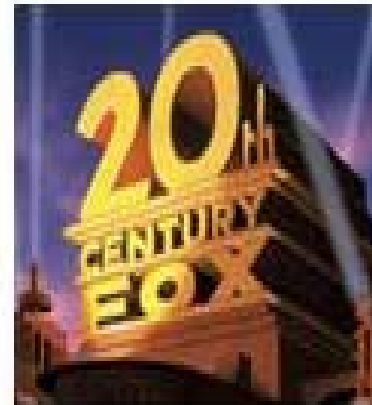
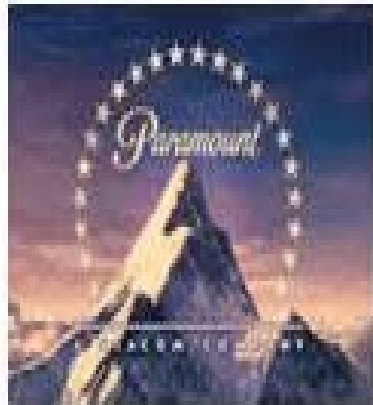
**Up to WQXGA 2560 x 1600**

**Do it All in a Single Window**



CHROME

## Movie Studios Supporting Blu-Ray



# High Definition Specifications



Parameter	DVD	HD DVD	Blu-ray
Storage per layer	4.7GB	15GB	25GB
Expected launch capacity	n/a	30GB	25GB
Laser wavelength	650nm	405nm	405nm
Numerical aperture	0.60	0.65	0.85
Protection layer	0.6mm	0.6mm	0.1mm
Data transfer rate	11.1Mbps	29.4 Mbps	54 Mbps
Video compression	MPEG-2	MPEG-2 MPEG-4 AVC VC-1	MPEG-2 MPEG-4 AVC VC-1
Content Protection	CSS	AACS	AACS, BD+, ROM Mark
Advanced Navigation	N/A	iHD	HDMV, BD-J



# Industry Support

- **Apple**
- **Dell**
- **HP**
- **Hitachi**
- **LG**
- **Mitsubishi**
- **Panasonic**
- **Pioneer**
- **Royal Philips**
- **Samsung**
- **Sharp**
- **Sony**
- **TDK**
- **Thompson**
- **20<sup>th</sup> Century Fox**
- **Walt Disney**
- **Warner Brother**
- **Over 170 Members**





# Next Chrome GPU To Decode Blu-Ray DVD Playback

## High Definition Blu-Ray Drives

ViewSonic



SONY | sony style  
USA



PHILIPS



HDMI Connectivity

SAMSUNG



DELL™



**BenQ**  
BW1000, **NEW**



**HP**  
Prototype



**HP**  
Prototype



**LG**  
GBW-H10N, **NEW**



**Sony**  
VAIO RC desktop, **NEW**



**Panasonic**  
Prototype, **NEW**



**Panasonic**  
SW-5582



**Panasonic**  
UJ-215, UJ-210



**Philips**  
SPD7000



**Pioneer**  
BDR-101A



**Samsung**  
SH-B022A



**Sony**  
Prototype, **NEW**



**Sony**  
BWU-100A, **NEW**



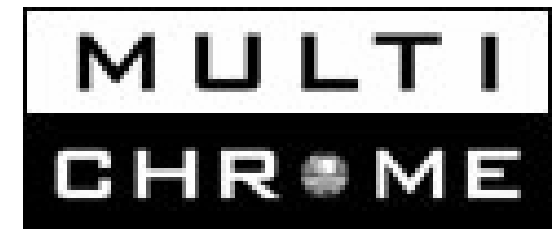
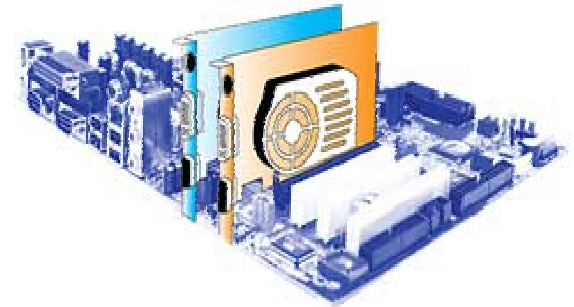
# CHROME



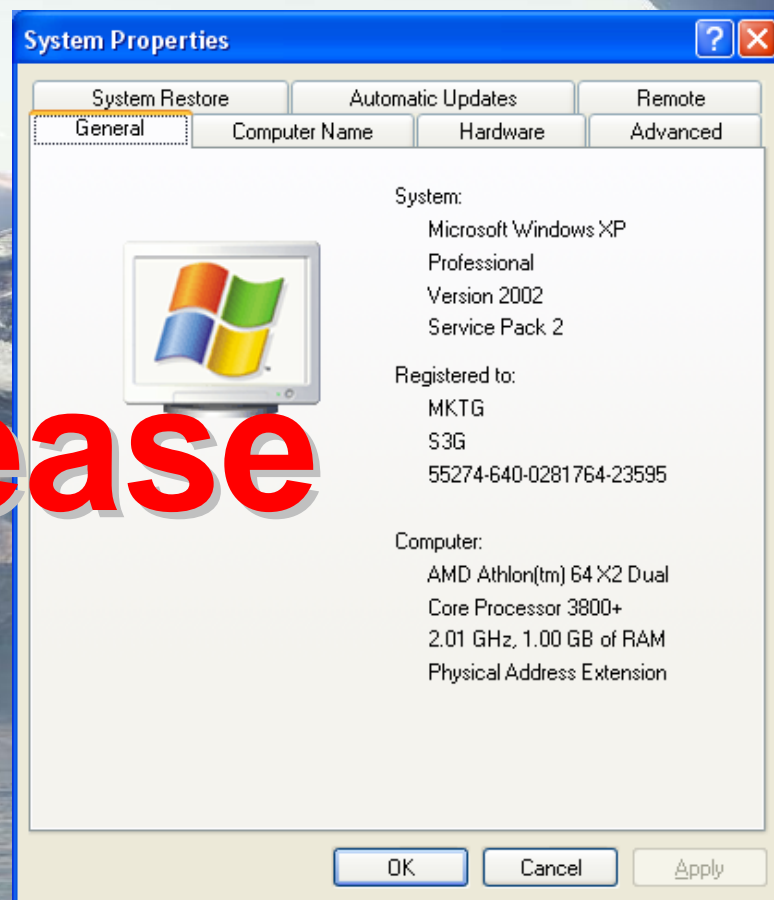
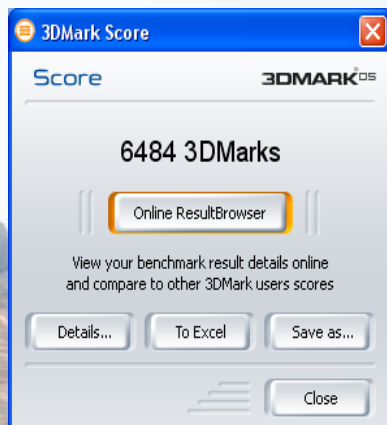


# MultiChrome Dual GPU Technology

- **Multi-GPU for the masses**
- Open Platform Compatibility with **VIA**, Intel, **nVidia** and **ATI** chipsets
- Proprietary Cable/Connector Free
- Supports extended to include both Chrome S25 and S27
- Seamless No-Reboot transitions:  
MultiChrome <-> non-MultiChrome



# Benchmark Percentage Increase



**~75% Increase**





# MultiChrome Performance

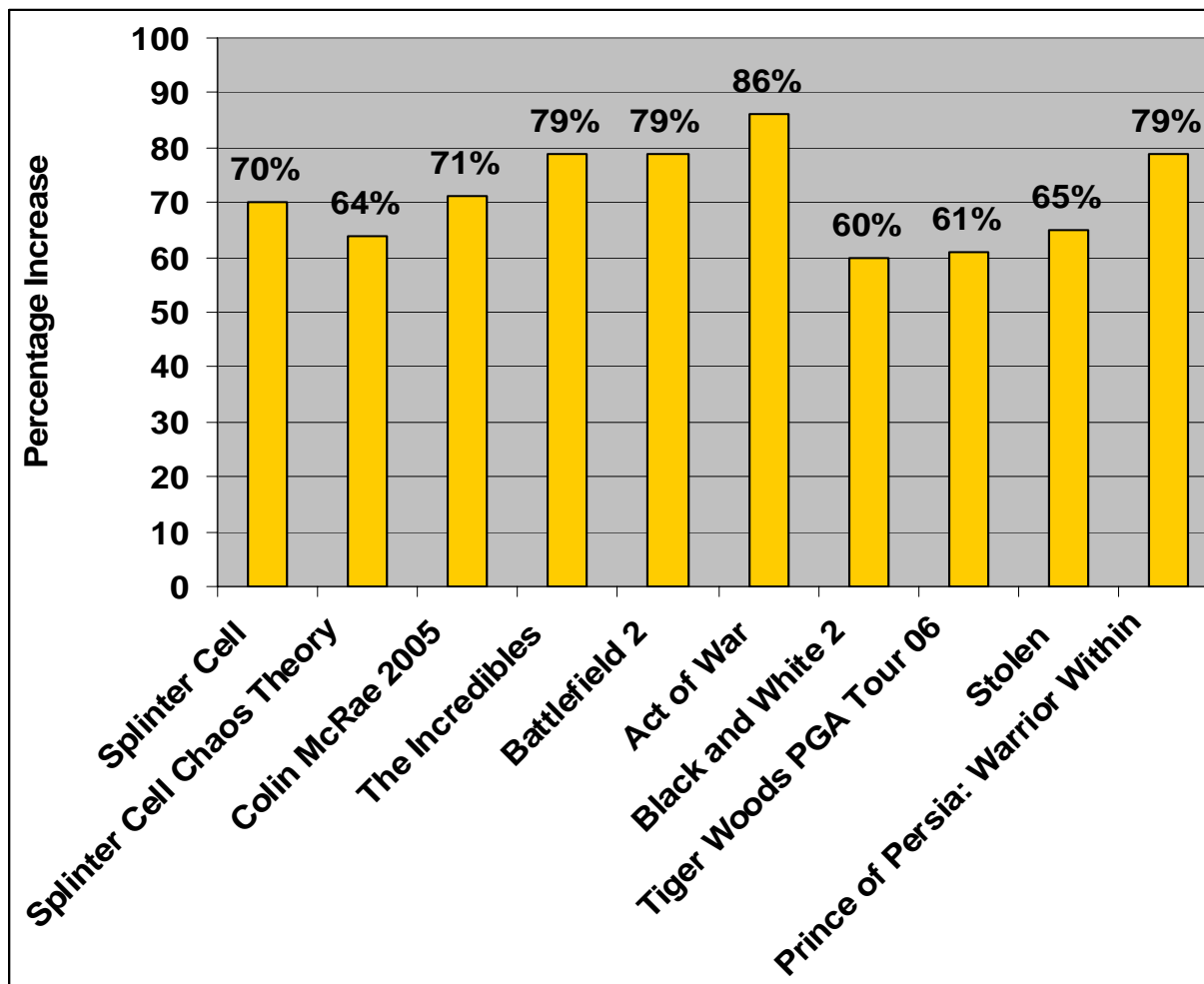
Up to 70-90%  
Increase in  
performance





# Game Percentage Increase

## MultiChrome vs. Single Chrome



Athlon 64 3800+  
w/ 1.0 GB memory  
S27 DDR3  
256MB/128bit  
700e/700m

CHROME





# MultiChrome Games Compatibility

Age of Mythology  
Joint Operations – Typhoon Rising  
Madden NFL 2005  
PainKiller  
Rome: Total War  
Star Wars Republic Commando  
Tomb Raider Angel of Darkness  
Battlefield 1942  
NBA Live 2005  
Silent Storm  
SWAT 4  
Battle of Vietnam (English)  
FIFA Soccer 2005  
Freedom Force  
Full Spectrum Warrior  
IL-2 Sturmovik  
Leisure Suit Larry: Magna Cum Laude  
Max Payne 2  
NASCAR Sim Racing  
Need for Speed: Underground  
NHL 2005  
Prince of Persia: The Sands of Time  
Star Wars: Battlefront  
Tony Hawk's Underground 2  
TrackMania Sunrise  
Tron 2.0  
Unreal II: The Awakening  
X2 – The Threat  
Breed  
Tiger Woods PGA Tour 2006  
Black and White 2  
Need for Speed Most Wanted

Comanche 4  
Quake III Arena  
Quake 4  
MYST IV: Revelation  
Toca Race Driver 2  
The Incredibles  
The Lord of the Rings: The Battle for Middle-Earth  
Xpand Rally  
Kohan II – Kings of War  
Sid Meier's Pirates: Live the Life  
Armies of Exile  
Grand Theft Auto: San Andreas  
Stolen  
Knights of the Old Republic  
Need for Speed: Underground 2  
Project: Snowblind  
Pacific Fighters  
Prince of Persia: Warrior Within  
Flatout  
Splinter Cell  
Splinter Cell Chaos Theory  
Far Cry  
Colin McRae Rally 2004  
King Kong  
F.E.A.R.  
Prince of Persia: The Two Thrones

Halo – Combat Evolved  
Battlefield 2  
Stronghold 2  
The Sims 2  
The Sims 2 University  
Brothers in Arms: Road to Hill 30  
Warhammer 40,000: Dawn of War  
Pariah  
Roller Coaster Tycoon 3  
Lock on Modern Air Combat  
PERIMETER  
IL-2 Sturmovik: Forgotten Battles – Ace  
Act of War: Direct Action  
World of Warcraft  
Colin McRae Rally 2005  
Thief: Deadly Shadows  
Tiger Woods PGA Tour 2005  
Unreal Tournament 2004  
Vampire: The Masquerade – Bloodlines  
Wolfenstein - Enemy Territory  
Doom 3  
Spell Force: The Order of Dawn  
NBA Live 2006  
Pro Evolution Soccer 5  
Age of Empires III  
Madden NFL 2006  
Fable: The Lost Chapters

Over 90 PC Games

CHROME



# Marching Toward Vista DX10 On Advanced ULP Technology

Product

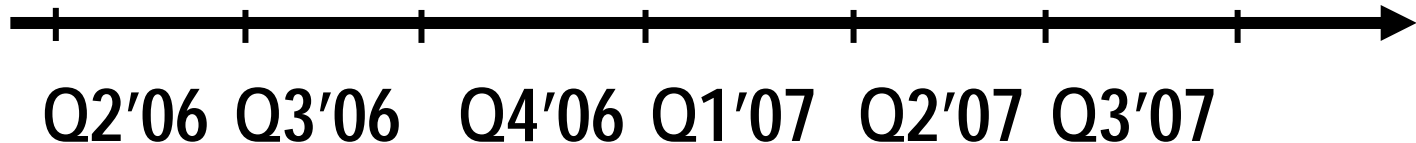
**CHROME**

Code Name: "DESTINATION"

Functionality



Process



**CHROME**



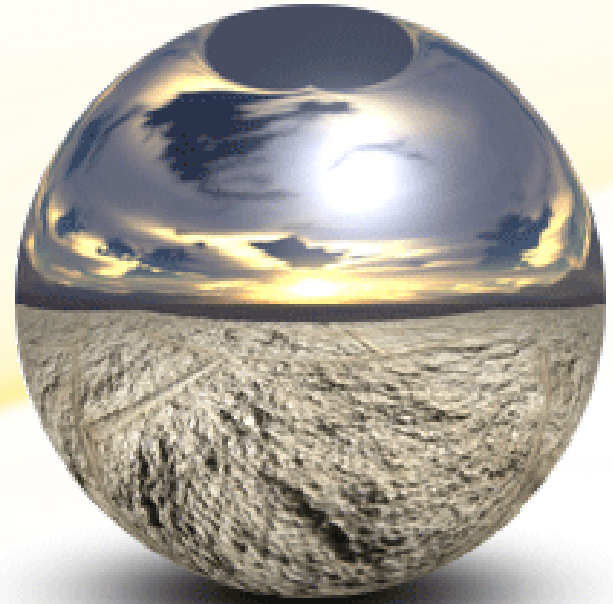
# Summary

- S3 Graphics Chrome S20 series gaining worldwide momentum
- Ideal solution for Vista Premium
- Great digital media experience
- Great support for protected media playback
- Class defining Performance / Watt
- World leading engine clock
- Strong technology driven roadmap



**CHROME**

# Supplementary Slides



**CHROME**



# Performance VS. Power Chart

BOARD	TEST	SCORE	GFX PWR	PERF/W (GFX CORE)
X1600PRO DDR2 256MB 400M/500E	IDLE	N/A	5.66	N/A
	3DMARK03	6867	17.05	402.69
	3DMARK05	4007	16.42	244.05
GF6600 DDR2 256MB 500M/300E	IDLE	N/A	2.38	N/A
	3DMARK03	3671	12.08	303.97
	3DMARK05	1391	11.65	119.42
Chrome S25 DDR3 128MB 500M/500E	IDLE	N/A	1.08	N/A
	3DMARK03	4357	4.39	992.48
	3DMARK05	2438	4.16	586.06

<b>Desktop Card</b>	<b>Performance</b>	<b>Power (W)</b>	<b>PPW</b>
<b>S3Graphics Chrome S27</b>	<b>2175</b>	<b>25.15</b>	<b>86.48</b>
<b>NVidia 7300GS</b>	<b>1369</b>	<b>16.8</b>	<b>81.48</b>
<b>ATI X1300 Pro</b>	<b>2200</b>	<b>26.96</b>	<b>81.60</b>

# Blu-Ray Drives

- Pioneer Ships BDR-101A Blu-ray Drive for PCs
- Panasonic to Launch Blu-ray Drives for PCs in Japan



**BenQ**  
BW1000, **NEW**



**HP**  
Prototype



**HP**  
Prototype



**LG**  
GBW-H10N, **NEW**



**Sony**  
VAIO RC desktop, **NEW**



**Panasonic**  
Prototype, **NEW**



**Panasonic**  
SW-5582



**Panasonic**  
UJ-215, UJ-210



**Philips**  
SPD7000



**Pioneer**  
BDR-101A



**Samsung**  
SH-B022A



**Sony**  
Prototype, **NEW**



**Sony**  
BWU-100A, **NEW**



# Announced Blu-Ray Movies

50 First Dates	Sony	Release date: June 20, 2006	Flightplan	Disney	Not yet announced, but packaging shown at CES
A Knight's Tale	Sony	Release date: June 20, 2006			
Aeon Flux	Paramount		For a Few Dollars More	MGM	
Amityville Horror	MGM	Not yet announced, but packaging shown at CES	Four Brothers	Paramount	
Angel Seekers	Air TBS	Japan only	Full Metal Jacket	Warner	Not yet announced, but Warner has stated that they will release all their titles in both formats
Armageddon	Disney				
Basic Instinct	Lionsgate	Not yet announced, but packaging shown at CES	Goodfellas	Warner	Not yet announced, but packaging shown at CES
Basic Instinct 2	MGM	Release date: July 11, 2006	Great Raid	Disney	
Batman Begins	Warner		Green Mile	Warner	Not yet announced, but Warner has stated that they will release all their titles in both formats
Behind Enemy Lines	Fox				
Benchwarmers	Sony	Release date: July 25, 2006			
Black Hawk Down	Sony		Guns of Navarone	Sony	
Blazing Saddles	Warner	Not yet announced, but Warner has stated that they will release all their titles in both formats	Harry Potter and the Goblet of Fire	Warner	Not yet announced, but Warner has stated that they will release all their titles in both formats
Bram Stoker's Dracula	Sony		Hero	Disney	
Bridge on the River Kwai	Sony		Hitch	Sony	Release date: June 20, 2006
Brothers Grimm	Disney		House of Flying Daggers	Sony	Release date: June 20, 2006
Charlie and the Chocolate Factory	Warner		Ice Age	Fox	
Chicken Little	Disney	Not a launch title, to be released later in 2006	Incredibles	Disney	Not yet announced, but packaging shown at CES
Chronos	Goldhil	Documentary, Release date: May 23, 2006	Into The Blue	Sony	Not yet announced, but packaging shown at CES
Constantine	Warner		Italian Job	Paramount	
Crash	Lionsgate	Release date: June 27, 2006	Jay and Silent Bob Strike Back	Disney	
Crimson Tide	Disney	Not yet announced, but packaging shown at CES	Kill Bill Vol. 1	Disney	
Dark Water	Disney		King Arthur	Disney	Not yet announced, but packaging shown at CES
Desperado	Sony		Kiss Kiss Bang Bang	Warner	Not yet announced, but Warner has stated that they will release all their titles in both formats
Devil's Rejects	Lionsgate				
Dinosaur	Disney		Kiss of the Dragon	Fox	
Dukes of Hazzard	Warner		Kung Fu Hustle	Sony	Release date: June 27, 2006
Dune	Lionsgate	TV miniseries aka Frank Herbert's Dune, Release date: June/July	Ladder 49	Disney	
Everest	Disney	Documentary	Last Samurai	Warner	
Fantastic Four	Fox		Last Waltz	MGM	Documentary, Release date: June 20, 2006
Fifth Element	Sony	Release date: June 20, 2006	League of Extraordinary Gentlemen	Fox	

CHROME





# Announced Blu-Ray Movies

Legends of the Fall	Sony	<i>Release date: June 27, 2006</i>	Stargate Atlantis	MGM	<i>TV series, Release date: June/July</i>
Lethal Weapon	Warner				
Lord of War	Lionsgate	<i>Release date: June 27, 2006</i>	Stealth	Sony	<i>Release date: June 27, 2006</i>
Manchurian Candidate	Paramount		Steamboy	Bandai Visual	<i>Japan only</i>
Matrix	Warner		Step Into Liquid	Lionsgate	
Matrix Reloaded	Warner	<i>Not yet announced, but packaging shown at CES</i>	Swordfish	Warner	
			Syriana	Warner	<i>Not yet announced, but Warner has stated that they will release all their titles in both formats</i>
Million Dollar Baby	Warner		Terminator	MGM	<i>Release date: June 27, 2006</i>
Mission Impossible	Paramount	<i>Not a launch title, to be released later in 2006</i>	Terminator 2: Judgment Day	Lionsgate	<i>Release date: June 27, 2006</i>
Mission Impossible II	Paramount	<i>Not a launch title, to be released later in 2006</i>	Terminator 3: Rise of the Machines	Warner	
Mission Impossible III	Paramount	<i>Not a launch title, to be released later in 2006</i>	Tomb Raider	Paramount	
New Cinema Paradise	Asmik Ace	<i>Japan only</i>	Total Recall	Lionsgate	<i>Release date: June/July</i>
Ocean's Twelve	Warner		Training Day	Warner	
Phantom of the Opera	Warner	<i>Not yet announced, but Warner has stated that they will release all their titles in both formats</i>	Troy	Warner	
			Twister	Warner	
Pirates of the Caribbean	Disney	<i>Not yet announced, but packaging shown at CES</i>	U2: Rattle and Hum	Paramount	<i>Documentary</i>
		<i>Release date: June 27, 2006</i>	Ultraviolet	Sony	<i>Release date: June 27, 2006</i>
Punisher	Lionsgate		Underworld: Evolution	Sony	<i>Release date: June 20, 2006</i>
Rambo: First Blood	Lionsgate		Unforgiven	Warner	
Reservoir Dogs	Lionsgate	<i>Release date: June/July</i>	We Were Soldiers	Paramount	
Resident Evil	Sony	<i>Not yet announced, but packaging shown at CES</i>	xXx	Sony	<i>Release date: June 20, 2006</i>
		<i>Release date: June 20, 2006</i>	xXx: State of the Union	Sony	<i>Not yet announced, but packaging shown at CES</i>
Resident Evil: Apocalypse	Sony	<i>Release date: June 20, 2006</i>			
Robocop	MGM	<i>Release date: June 27, 2006</i>			
Rumor Has It	Warner	<i>Not yet announced, but Warner has stated that they will release all their titles in both formats</i>			
		<i>Release date: June 27, 2006</i>			
S.W.A.T.	Sony	<i>Release date: June 27, 2006</i>			
Sahara	Paramount				
Saw	Lionsgate	<i>Release date: June 27, 2006</i>			
See No Evil	Lionsgate				
Sense and Sensibility	Sony				
Sky Captain and the World of Tomorrow	Paramount				
Sleepy Hollow	Paramount				
Species	MGM	<i>Release date: June 27, 2006</i>			
Spider-Man	Sony	<i>Not yet announced, but packaging shown at CES</i>			

- Tested on various motherboards:
  - nForce4 SLI-32
  - nForce4 SLI-16
  - K8T900
  - i975

## Top Multi-GPU Motherboards

# MultiChrome Technology

- Supports up to 4 GPUs
  - Requires physical PCIe x16 slot for each GPU
  - No proprietary cabling or connectors between GPUs
  - Utilizing Northbridge peer-to-peer copy protocol for data sharing among GPUs
  - No proprietary motherboard required.
- Master GPU is responsible for frame composition and display
- Hardware assisted GPU synchronization and SFR texture sharing
- Dual GPU AFR mode now achieving up to 86% performance improvement over single GPU mode on Chrome S27

